Dryer EP-6 (gas fired)
Method 5/202, Method 25A
August 11, 1994

Run #1

Time		Field	Field Voltage (% of Maximum)	Precip Current (DC ma)	Rate: 83.8 TPH
Start	8:25am	1	99	980	
		2	100	980	
		3	100	1000	
		4	100	1000	
		5	100	1000	
End	10:39am	1	98	980	
		2	99	980	
		3	100	1000	
		4	97	1000	
		5	98	980	

Dryer EP-6 (gas fired)
Method 5/202, Method 25A
August 11, 1994

Run #2 Time	Field	Field Voltage (% of Maximum)	Precip Current (DC ma)	Rate: 86.5 TPH
Start 11:20am	1	99	980	
	2	100	1000	
	3	100	1000	
	4	99	1000	
	5	100	1000	
End 1:30pm	1	99	980	
	2	100	980	
	3	100	1000	
	4	99	1000	
	5	99	1000	

Dryer EP-6 (gas fired)
Method 5/202, Method 25A
August 11, 1994

Run #3	Time	Field	Field Voltage (% of Maximum)	Precip Current (DC ma)	Rate: 87.7 TPH
Start	2:01pm	1	100	980	
		2	100	1000	
		3	100	1000	
		4	100	1000	
		5	100	1000	
End	4:13pm	1	100	980	
		2	100	980	
		3	100	1000	
		4	100	1000	
		5	98	1000	

Dryer EP-6 (gas fired)
Method 5/202, Method 25A
August 11, 1994

Run #4 Time	Field	Field Voltage (% of Maximum)	Precip Current (DC ma)	Rate: 85.7 TPH
Start	1	100	980	
4:41pm	2	100	1000	
	3	100	1000	
	4	98	1000	
	5	100	1000	
End	1	100	980	
	2	99	980	
6:53pm	3	100	1000	
	4	102	1000	
	5	99	1000	

Calciner EP-5 (gas fired)

Method 5/202, Method 25A, Method 0010
August 2, 3, 4, 1994

Run #1 Time	Field	Field Voltage (% of Maximum)	Precip Current (DC ma)	August 2, 1994
Start	1	90	1850	
8:40pm Am	2	100	1750	
	3	100	1750	
	4	100	1700	
	5	101	1700	
	6	102	1750	
End	1	100	1700	
11:10pm Am	2	98	1700	
	3	100	1700	
	4	90	1700	
	5	98	1700	
	6	103	1750	

Calciner EP-5 (gas fired)

Method 5/202, Method 25A, Method 0010

August 2, 3, 4, 1994

Run #2 Time	Field	Field Voltage (% of Maximum)	Precip Current (DC ma) August 2, 1994
Start	1	80	1500
12:07pm	2	100	1700
	3	99	1750
	4	94	1700
	5	100	1700
	6	95	1750
End	1	102	1700
2:26pm	2	100	1700
	3	100	1750
	4	92	1700
	5	100	1700
	6	96	1700

Calciner EP-5 (gas fired)
Method 5/202, Method 25A, Method 0010
August 2, 3, 4, 1994

Run #3

Time	Field	Field Voltage (% of Maximum)	Precip Current (DC ma) August 2, 1994
Start 3:15pm	1	98	1700
	2	98	1700
	3	100	1750
	4	102	1700
	5	102	1700
	6	101	1700
End 5:45pm	1	97	1700
	2	97	1700
	3	100	1750
	4	100	1700
	5	98	1700
	6	100	1750

Calciner EP-5 (gas fired)
Method 5/202, Method 25A, Method 0010
August 2, 3, 4, 1994

Run #4 Time	Field	Field Voltage (% of Maximum)	Precip Current (DC ma) August 3, 1994
Start	1	102	1750
7:15pm	2	98	1700
	3	100	1750
	4	101	1700
	5	100	1700
	6	95	1750
End	1	72	1250
9:32pm	2	100	1700
	3	100	1700
	4	100	1700
	5	94	1700
	6	99	1700

Current Date : 02-07-1997
Current Time : 08:15:22

Daily Parameter Report - Auxiliary Averages
Solvay Minerals, Inc.

Logger Name : SOLVAY2
Logger Id   : 02

Stack
Boiler/Unit : SM06   *Dryer EP-6 SM06*

Parameter : OP_SM06
Units   : PERCENT

Date	Time 006M	00	06	12	18	24	30	36	42	48	54
						Minute					
02/06/97	00:00	.8	.8	.9	1.0	1.0	1.0	C	C	.9	1.3
02/06/97	01:00	1.5	1.6	1.5	1.4	1.1	1.0	.9	.9	1.1	1.5
02/06/97	02:00	1.9	2.0	2.0	2.0	2.2	1.7	1.3	1.2	1.2	1.5
02/06/97	03:00	1.4	1.4	1.6	1.9	1.9	1.6	1.6	1.6	1.0	2.1
02/06/97	04:00	2.1	2.3	2.1	2.6	2.2	2.3	2.3	1.6	1.6	2.1
02/06/97	05:00	2.2	2.2	2.4	2.2	2.5	2.4	2.5	2.5	2.5	2.4
02/06/97	06:00	2.3	1.9	2.1	2.4	2.2	2.5	2.1	2.1	2.1	2.1
02/06/97	07:00	2.0	2.0	1.8	2.6	2.8	2.8	2.7	2.7	2.8	2.5
02/06/97	08:00	1.3	2.2	2.5	2.0	2.2	2.2	2.2	2.1	1.7	1.3
02/06/97	09:00	2.1	1.5	1.3	3.1	3.2	3.3	C	C	3.4	2.5
02/06/97	10:00	1.8	1.8	1.8	1.8	2.6	1.8	1.8	1.8	1.8	1.8
02/06/97	11:00	1.8	1.9	1.7	1.7	1.8	1.9	2.1	2.0	2.1	2.1
02/06/97	12:00	1.7	1.6	1.6	1.5	1.5	1.6	1.7	1.7	1.7	1.4
02/06/97	13:00	1.4	1.4	1.5	1.5	1.4	1.3	1.5	1.5	1.5	1.5
02/06/97	14:00	1.3	1.2	1.2	1.1	1.1	1.0	1.3	1.2	1.2	1.3
02/06/97	15:00	1.3	1.3	1.2	1.1	.9	.8	1.2	1.2	1.3	1.3
02/06/97	16:00	.9	1.0	1.0	1.0	1.0	1.1	.7	.6	.6	1.8
02/06/97	17:00	1.1	1.0	1.0	1.1	1.2	1.1	C	C	C	1.1
02/06/97	18:00	1.3	1.2	1.4	1.4	1.3	1.3	1.2	1.1	1.2	1.3
02/06/97	19:00	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.2
02/06/97	20:00	1.1	1.0	1.1	1.3	1.2	1.3	1.3	1.3	1.0	1.1
02/06/97	21:00	1.1	1.0	1.0	.9	.9	1.4	1.4	.9	1.2	1.4
02/06/97	22:00	1.1	1.0	1.0	1.0	.9	.9	.9	1.1	1.2	1.1
02/06/97	23:00	1.3	1.2	1.1	.9	1.0	1.1	1.1	1.0	.9	1.1

Max   3.4
Min   .6
Mean   1.6
Records   234

Status: '<' - Less than ##% Data,   'P' - Power Fail,   'D' - Disabled,   'T' - Out-of-Control,   'F' - Boiler Off-Line,
Flags : 'B' - Bad Status,   'C' - Calibration,   'M' - Maintenance,   'O' - Analog Over,   'A' - Arithmetic Error,
        'U' - Analog Underrange,   '+' - Maximum,   '-' - Minimum,   'R' - Rate of Change,   'H' - High-High Alrm,
        'L' - Low-Low Alarm,   'h' - High Alarm,   'l' - Low Alarm,   'J' - High Rate of Change,   'j' - Low Rate of Change,
        'V' - DIS #1 Obs,   'W' - DIS #2 Obs,   'X' - DIS #3 Obs,   'Y' - DIS #4 Obs,   'Z' - DIS #5 Obs.

Current Date : 02-07-1997
Current Time : 07:51:45

Logger Name : SOLVAY1
Logger Id   : 01

Daily Parameter Report - Auxiliary Averages
Solvay Minerals, Inc.

Calciner
Stack   : (SM05 EP-5
Boiler/Unit : (SM05 CA-3)

Parameter : OP_SM05
Units   : PERCENT

Date	Time 006M	00	06	12	18	Minute 24	30	36	42	48	54
02/06/97	00:00	3.9	3.9	3.8	3.8	3.7	C	C	3.6	3.8	3.5
02/06/97	01:00	4.2	4.0	3.9	3.7	3.7	4.2	4.5	4.1	4.1	4.2
02/06/97	02:00	5.7	5.1	4.4	4.6	4.1	7.1	7.4	5.6	5.6	6.7
02/06/97	03:00	5.5	4.9	4.7	4.4	4.0	4.0	4.0	4.0	6.9	5.7
02/06/97	04:00	5.3	5.0	5.4	5.4	5.1	5.1	4.9	4.9	6.9	6.7
02/06/97	05:00	4.5	4.9	5.4	4.8	4.8	4.9	5.3	6.1	6.0	4.3
02/06/97	06:00	4.8	4.9	4.8	4.9	4.7	5.0	4.7	4.7	4.8	4.3
02/06/97	07:00	6.1	6.2	4.4	4.7	4.5	4.3	4.5	4.8	4.8	4.6
02/06/97	08:00	3.9	4.0	5.8	5.4	5.0	C	C	4.5	5.4	5.4
02/06/97	09:00	4.0	4.0	3.7	4.1	3.8	3.9	3.8	3.9	3.9	3.7
02/06/97	10:00	3.5	3.5	3.3	3.9	3.8	3.4	3.4	3.8	3.8	3.7
02/06/97	11:00	3.6	3.6	3.7	3.6	3.6	3.7	3.7	3.6	3.6	3.5
02/06/97	12:00	3.7	3.7	3.6	3.8	3.7	3.8	3.8	3.6	3.6	3.6
02/06/97	13:00	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6
02/06/97	14:00	3.7	3.8	3.8	3.9	3.7	3.8	3.8	3.7	3.6	3.7
02/06/97	15:00	3.9	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.7
02/06/97	16:00	3.8	3.8	3.8	3.8	3.8	C	C	3.8	3.8	3.7
02/06/97	17:00	3.8	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.8	3.7
02/06/97	18:00	3.8	3.7	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.8
02/06/97	19:00	3.9	3.7	3.8	3.8	3.7	3.8	3.8	3.7	3.7	3.6
02/06/97	20:00	3.9	3.8	3.8	4.0	3.9	4.0	4.1	3.7	3.9	3.8
02/06/97	21:00	3.8	3.9	3.7	3.9	3.9	3.9	4.0	3.9	3.8	3.8
02/06/97	22:00	3.8	3.8	3.7	3.8	3.7	3.6	3.7	3.8	3.7	3.7
02/06/97	23:00	3.8	3.7	3.7	3.7	3.7	3.8	3.8	3.7	3.7	3.8

Max	7.4
Min	3.3
Mean	4.1
Records	234

Status: '<' - Less than ### Data, 'P' - Power Fail,   'D' - Disabled,   'T' - Out-of-Control,   'F' - Boiler Off-Line,
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        'V' - DIS #1 Obs,   'W' - DIS #2 Obs,   'X' - DIS #3 Obs,   'Y' - DIS #4 Obs,   'Z' - DIS #5 Obs.